Amendments to the Claims

Please amend claims 1, 7, 10, 23, and 24 as set forth below. This version of the claims will replace all other previous versions and listings of the claims in this application.

1. (Currently amended) A security control apparatus comprising:

a security device;

a control apparatus responsive to security codes for enabling and disabling the security device;

a security code source unit which communicates security codes to the control apparatus, the security code source unit having a user controlled keypad and a voice analysis apparatus and including circuitry responsive to the voice analysis apparatus which generates and communicates to the control apparatus a security code including a portion representing user interaction with the security code source unit, wherein the voice analysis apparatus comprises a speaker dependent voice analysis ~~arrangement which analyzes~~ means for analyzing a first received voice signal and a speaker independent voice analysis ~~arrangement which analyzes~~ means for analyzing a second received voice signal being different from the first received voice signal, the second received voice signal including a passcode to effect entry into a secured area and which passcode is verified by the control apparatus to effect the access to the secured area, the speaker independent voice analysis ~~arrangement~~ means being activated to analyze the second received voice signal when the speaker dependent voice ~~arrangement~~ means fails to identify the first received voice signal.

2. (Cancelled)

3. (Previously presented) A security control apparatus in accordance with claim 1, wherein the security code source unit comprises memory for storing the passcode entered by a user in association with representations of speech generated by the voice analysis apparatus.

4. (Previously presented) A security control apparatus in accordance with claim 3, wherein the circuitry which communicates security codes responds to predetermined comparison characteristics between a stored speech representation and a spoken speech representation for communicating a security code.

5. (Previously presented) A security control apparatus in accordance with claim 3, wherein a security code communicated to the control apparatus comprises the passcode entered by user interaction with the keypad.

6. (Previously presented) A security control apparatus in accordance with claim 3, wherein a security code communicated to the control apparatus comprises the passcode entered via the voice analysis apparatus.

7. (Currently amended) A security control system comprising:

a speaker dependent voice analysis ~~arrangement which indicates~~ means for indicating security approval or non-approval based on first words being spoken by a user;

a speaker independent voice analysis ~~arrangement which analyzes~~ means for analyzing second words spoken by the user when the speaker dependent voice analysis ~~arrangement~~ means indicates non-approval of the speech analysis information based upon first words being spoken by the user; and

security control apparatus responsive to representations of an indication of security approval by the speaker dependent voice analysis ~~arrangement~~ means and the speaker independent voice analysis means, the security control apparatus generating a security approval signal responsive to security approval of the speaker dependent voice ~~arrangement~~ means or the security control apparatus generating a security approval signal responsive to representations of speaker independent voice analysis information, the second words spoken by the user comprising a passcode to effect entry into a secured area and the speaker independent voice analysis ~~arrangement~~ means identifying and verifying the passcode and then transmitting the identified and verified passcode to the security control apparatus.

8. (Previously presented) A security control system in accordance with claim 7, comprising:

a passcode apparatus responsive to speaker dependent security approval for transmitting a security code comprising a predetermined passcode to a barrier movement apparatus and the security control apparatus comprises apparatus for generating the security approval signal in response to the predetermined passcode.

9. (Cancelled)

10. (Currently Amended) A security control system in accordance with claim 7, comprising apparatus operative during a learn mode for storing speech representations of a first user's voice speaking the commands; and

memory for storing the speech representations.

11. (Original) A security control system in accordance with claim 7, wherein the speaker dependent voice analysis apparatus is adapted to receive input representing a passcode and apparatus for storing the passcode representations input by the user in association with the stored speech representations.

12-22. (Cancelled)

23. (Currently amended) A barrier movement apparatus comprising:

barrier control apparatus responsive to barrier control commands for moving a barrier;

control circuitry responsive to user interaction for generating barrier control commands to control barrier movement, said user interaction comprising security approval before the generation of barrier control commands, wherein the control circuitry comprises a speaker dependent voice analysis ~~arrangement~~ means for analyzing first spoken words and a speaker independent voice analysis ~~arrangement~~ means for analyzing second spoken words and for granting security approval, the speaker independent voice analysis ~~arrangement~~ means being activated when the speaker dependent voice ~~arrangement~~ means fails to grant security approval based upon analyzing the first spoken words, the second spoken words

being different from the first spoken words and the second spoken words including a verified passcode to effect entry into a secured area; and

voice analysis ~~arrangement~~ means responsive without security approval to at least one predetermined word spoken by a user generating barrier control commands to change the movement of a barrier.

24. (Currently amended) A barrier movement apparatus in accordance with claim 23 wherein the control circuitry enables the voice analysis ~~arrangement~~ means for a predetermined period of time after the generation of a barrier control command to respond without security approval to the at least one spoken word to stop a closing barrier.

25. (Cancelled).

26. (Previously presented) A barrier movement apparatus comprising:

a motor responsive to barrier control commands for operating the barrier;

a speaker dependent voice analysis apparatus responsive to a first successful analysis of a predetermined spoken command from a predetermined speaker for controlling the motor to operate the barrier; and

speaker independent voice analysis apparatus being activated responsive to the successful analysis of the speaker independent predetermined voice analysis apparatus and being responsive for a short period of time to a second spoken command from any speaker for changing barrier movement, the second command being different from the first command and indicating a safety purpose.

27. (Original) A barrier movement apparatus according to claim 26, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the motor is directed to operate the barrier.

28. (Original) A barrier movement apparatus according to claim 27, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the motor is controlled to operate the barrier, to reverse barrier movement.

29. (Original) A barrier movement apparatus according to claim 27, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the barrier control apparatus is controlled to move the barrier, to stop movement of the barrier.

30-38. (Cancelled)

39. (Original) Barrier movement system in accordance with claim 1, comprising a voice analysis unit for analysis of user spoken words to define a pass code.

40. (Previously presented) A method of granting security access comprising:
receiving first speech information from a user;
analyzing the first speech information using a speaker dependent analysis and generating a security code upon a successfully analyzing the first speech information with the speaker dependent analysis;
subsequent to unsuccessfully analyzing the first speech information with the speaker dependent analysis, receiving second speech information from the user, the second speech information being different from the first speech information and including a passcode to effect entry into a secured area;
initiating the analyzing of the second speech information using a speaker independent voice analysis; and
generating the security code upon successfully verifying the passcode and successfully analyzing the second speech information with the speaker independent analysis.